



**US Army Corps
of Engineers®**

Public Notice

Public Notice No. 04- 07

Date: February 2, 2004

Nashville District

Application No. 200301631

Please address all comments to:
Nashville District Corps of Engineers, Regulatory Branch
3701 Bell Road, Nashville, TN 37214

JOINT PUBLIC NOTICE US ARMY CORPS OF ENGINEERS AND STATE OF TENNESSEE

SUBJECT: Proposed Stream and Adjacent Wetland Fill, Poe Branch Mile 1.4,
Tennessee River Mile 468.3 L, (Nickajack Lake), Hamilton County, Tennessee

TO ALL CONCERNED: The application described below has been submitted for a Department of the Army Permit pursuant to **Section 404 of the Clean Water Act (33 U.S.C. 1344)**. Before a permit can be issued, certification must be provided by the State of Tennessee, Division of Water Pollution Control, pursuant to Section 401(a)(1) of the CWA, that applicable water quality standards will not be violated. By copy of this notice, the applicant hereby applies for the required certification.

APPLICANT: Hamilton County
1250 Market Street, 3rd Floor
Chattanooga, Tennessee 37402

LOCATION: Poe Branch Mile 1.4, Tennessee River Mile 468.2 L, Hamilton County,
Tennessee
USGS: East Chattanooga, Tennessee Quadrangle
Lon: 85-08-43 Lat: 35-04-17

DESCRIPTION: The applicant proposes to impact approximately 1.53 acres of wetlands and approximately 2000' of Poe Branch to construct a regional storm-water detention facility to service the Enterprise South Industrial Park (ESIP). The Industrial Park was recently created by the City of Chattanooga and Hamilton County from land purchased from the former Volunteer Army Ammunition Plant under the Base Closure and Realignment Act. The purpose of the detention facility is to assist in the control of flooding in the area downstream of the Industrial Park and to control runoff on the 1,200-acre industrial site. The applicant would excavate down approximately 4-6' along 2000 feet of Poe Branch necessary for the construction of the detention facility.

Approximately 0.27 and 0.96 acres of wetlands would be impacted by excavation for the detention facility. The applicant would then place the hydric soils removed back into the

excavated area. Approximately 0.3 acres of wetlands would be filled in the construction of the detention basin structure.

MITIGATION PROPOSED: The applicant would restore approximately 2000' of streambed by placing removed surface streambed material in Poe Branch along the excavated length of the stream. Riffle/pool complexes would be created to provide diversity within the streambed to enhance the aquatic environment. Approximately 5 acres of wetlands would be created to offset the 1.53 acres of impacts. Approximately 20 acres of additional wetlands would be created within the detention facility. The applicant proposes to reserve the additional acres created for future wetland impacts within the ESIP or City of Chattanooga/Hamilton County projects.

Plans of the proposed work are attached to this notice (**Notice: for customers viewing this public notice in electronic format, a select number of drawings are attached. If you wish to receive a full set of drawings for this notice, please call Carl Olsen at 615-369-7513**).

The decision whether to issue a permit will be based on an evaluation of the probable impacts including cumulative impacts of the activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the work must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the work will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. In addition, the evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under authority of Section 404(b)(1) of the CWA (40 CFR Part 230). A permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

An Environmental Assessment will be prepared by this office prior to a final decision concerning issuance or denial of the requested Department of the Army Permit.

The National Register of Historic Places has been consulted and no properties listed in or eligible for the National Register are known which would be affected by the proposed work. This review constitutes the full extent of cultural resources investigations unless comment to this notice is received documenting that significant sites or properties exist which may be affected by this work, or that adequately documents that a potential exists for the location of significant sites or properties within the permit area. Copies of this notice are being sent to the office of the State Historic Preservation Officer and the U.S. Department of the Interior, National Park Service - Atlanta.

Based on available information, the proposed work will not destroy or endanger any Federally-listed threatened or endangered species or their critical habitats, as identified under the Endangered Species Act. Therefore, we have reached a no effect determination and initiation of formal consultation procedures with the U.S. Fish and Wildlife Service is not planned at this time.

Other Federal, State, and/or local approvals required for the proposed work are as follows:

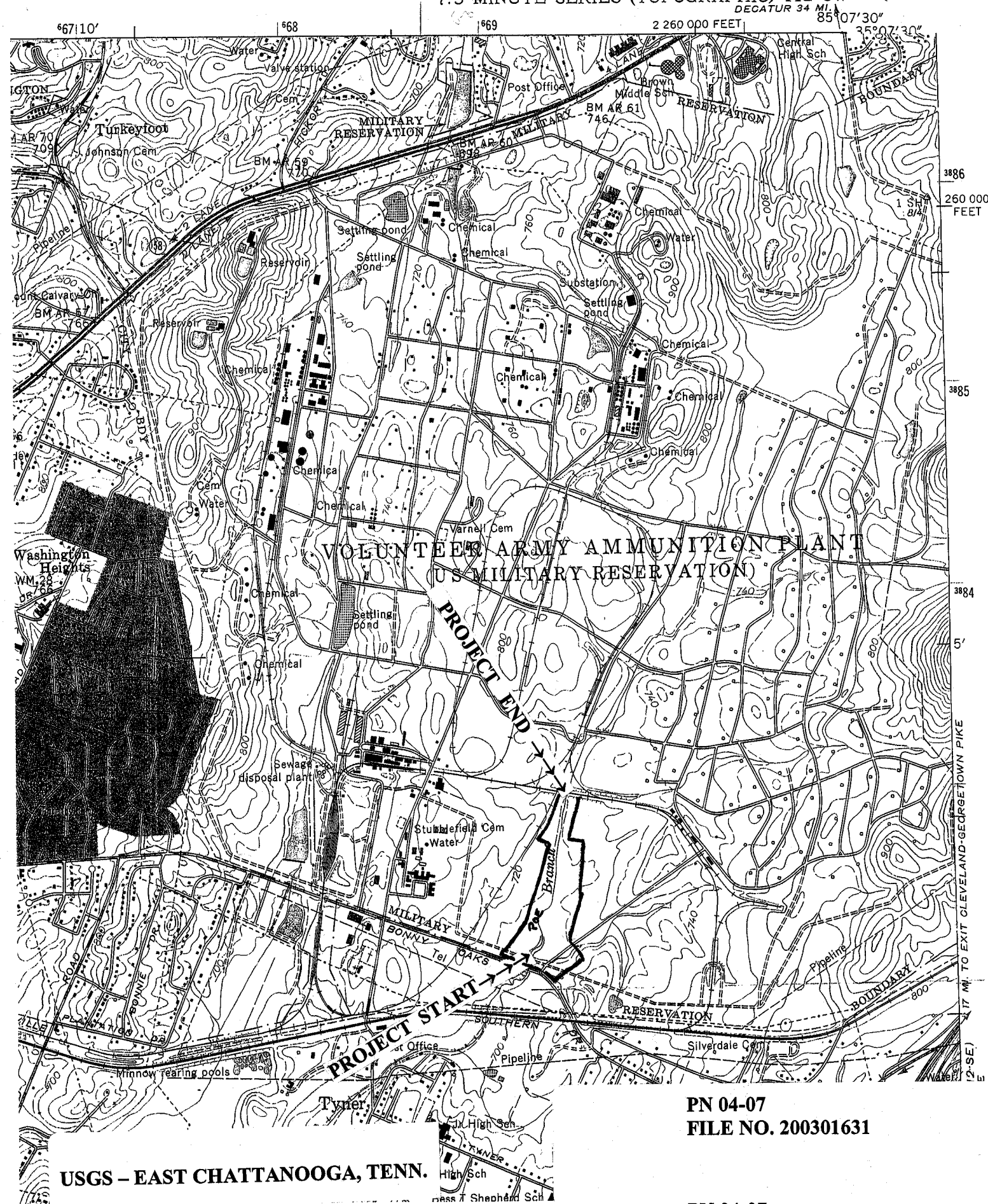
- a. Tennessee Valley Authority (TVA) may require approval under Section 26a of the TVA Act. In addition to other provisions of its approval, TVA would require the applicant to employ best management practices to control erosion and sedimentation, as necessary, to prevent adverse aquatic impacts.
- b. Water quality certification from the State of Tennessee in accordance with Section 401(a)(1) of the Clean Water Act.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

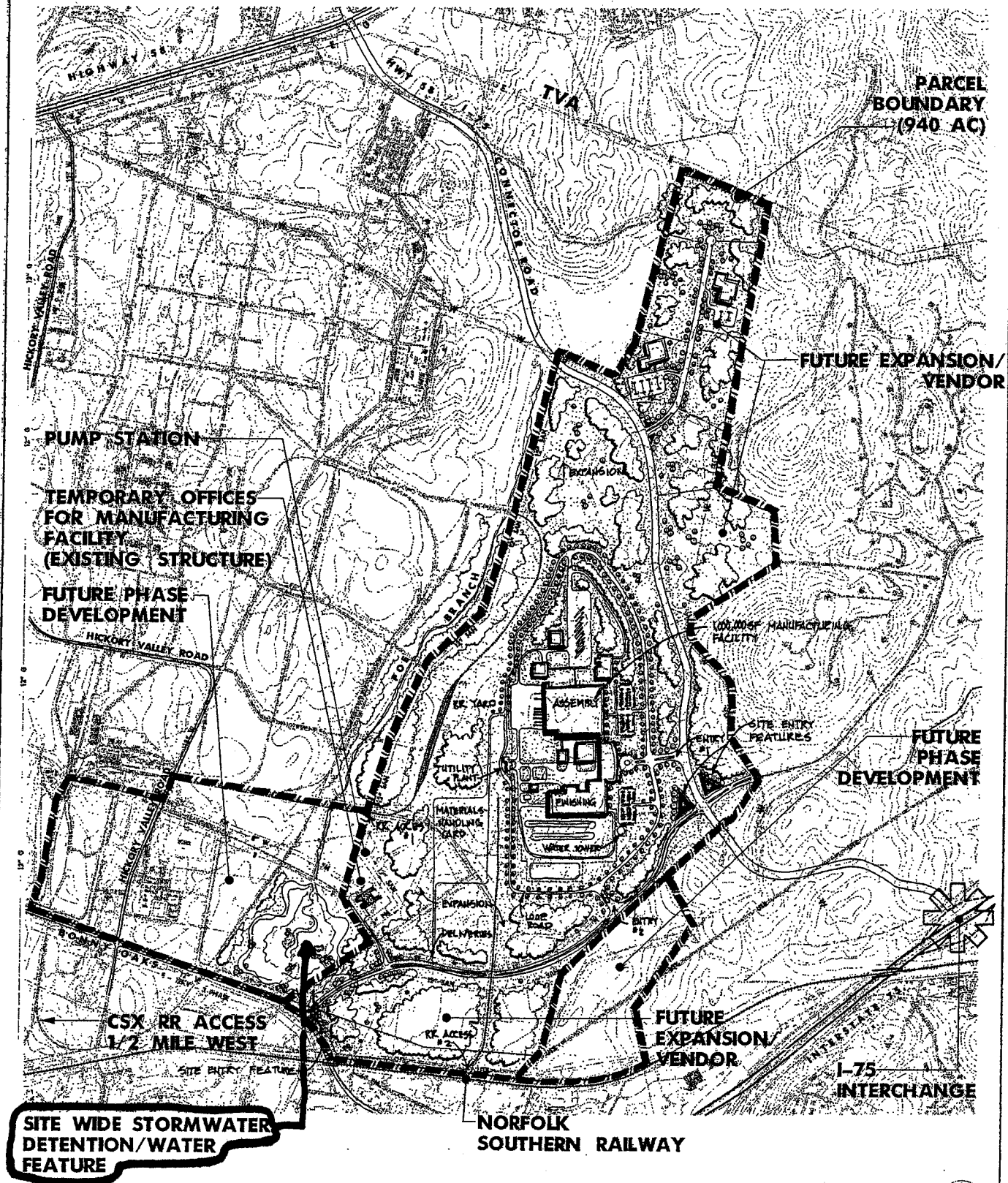
Written statements received in this office on or before March 3, 2004, will become a part of the record and will be considered in the determination. Any response to this notice should be directed to the Regulatory Branch, Attention: Carl R. Olsen, at the above address, telephone (615) 369-7513.

EAST CHATTANOOGA QUADRANGLE
TENNESSEE-HAMILTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC) 112-SW
25C47112 34 ML 1

3954 11 NE
(SNOW HILL 112-NE)



PN 04-07
FILE NO. 200301631

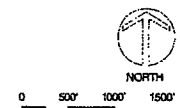


MANUFACTURING FACILITY PROJECT

enterprise south

CHATTANOOGA, TENNESSEE

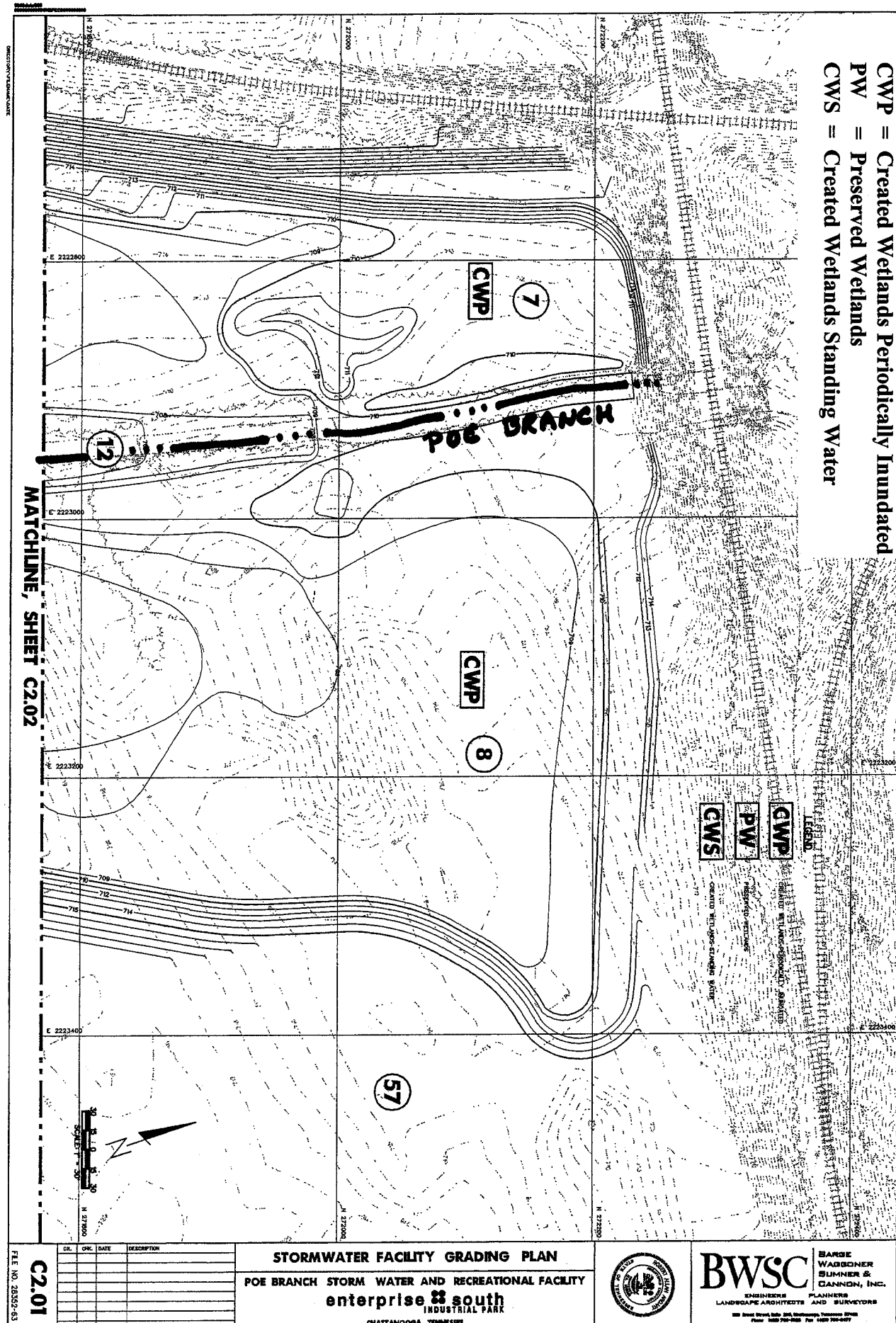
INDUSTRIAL PARK

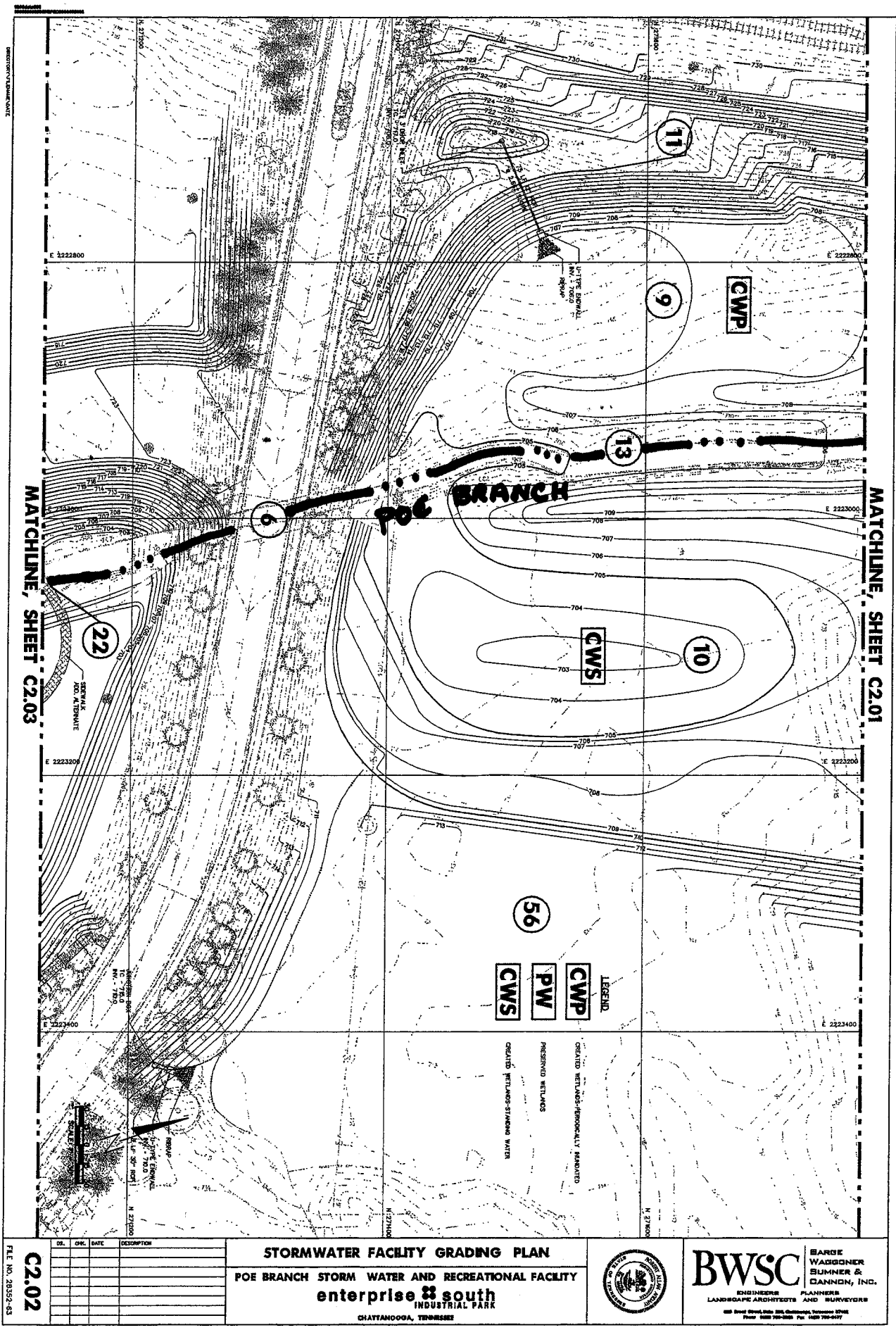


BWSC BLANKENHORN
WADSWORTH
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ENGINEERS
PLANNERS
LANDSCAPE ARCHITECTS
AND SURVEYORS
1000 N. 10TH ST., SUITE 200
CHATTANOOGA, TN 37402
423.249.1234

PN 04-07
FILE NO. 200301631

GWP	GRADED WETLANDS ASSOCIATION
PW	PRESERVED WETLANDS
GWS	GRADED WETLANDS SLUDGING WATER





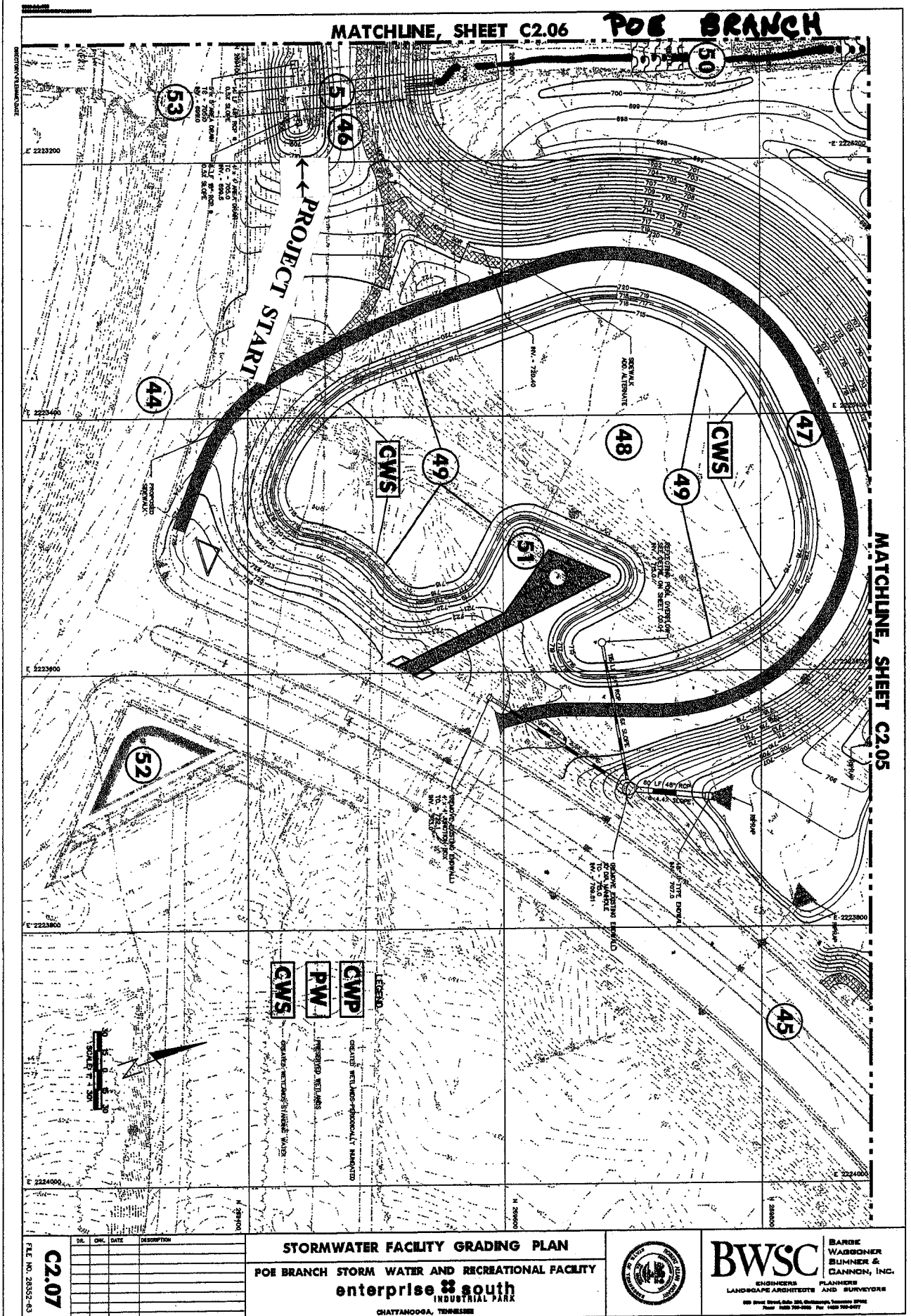
DS.	CHK.	DATE	DESCRIPTION

STORMWATER FACILITY GRADING PLAN
POE BRANCH STORM WATER AND RECREATIONAL FACILITY
enterprise 8 south
INDUSTRIAL PARK
CHATTANOOGA, TENNESSEE



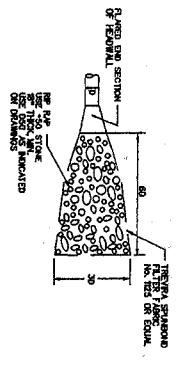
BWSC
ENGINEERS PLANNERS
LANDSCAPE ARCHITECTS AND SURVEYORS
200 West Third Street, Suite 200, Chattanooga, Tennessee 37403
Phone: (423) 759-5555 Fax: (423) 759-5557

BARBE WASHINGTON SUMNER & GANNON, INC.
ENGINEERS PLANNERS
LANDSCAPE ARCHITECTS AND SURVEYORS

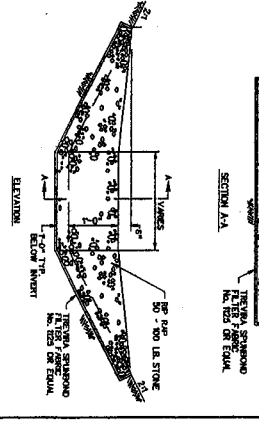


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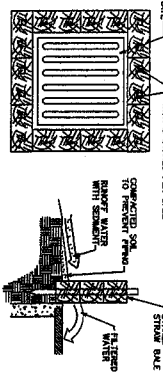
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FILE NO. 200301631



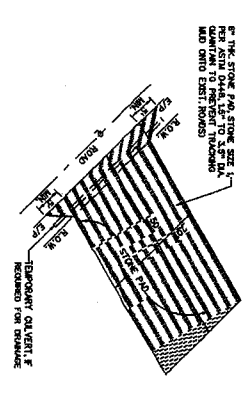
1 STORM DRAIN OUTLET PROTECTION
C003 N.T.S.



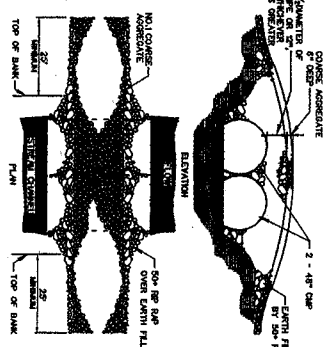
2 ROCK FILTER DAM
C003 N.T.S.



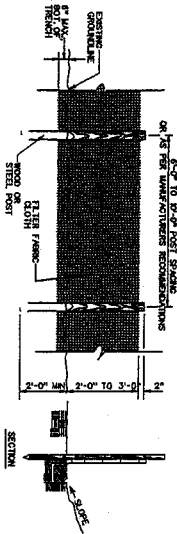
3 INLET SEDIMENT TRAP
C003 N.T.S.



4 CONSTRUCTION ENTRANCE
C003 N.T.S.

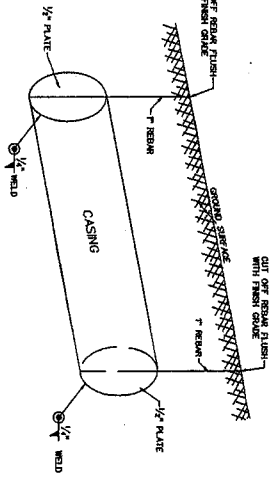


5 TEMPORARY STREAM CROSSING
C003 N.T.S.

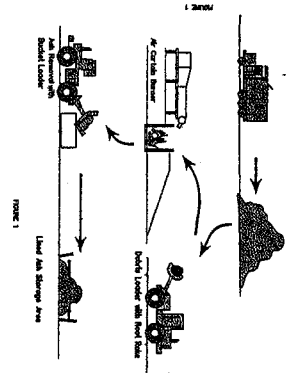


6 SEDIMENT BARRIER
C003 N.T.S.

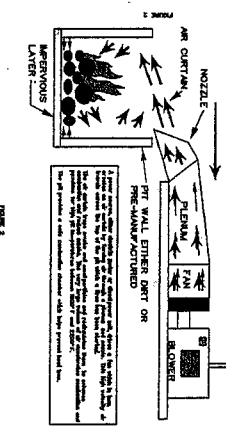
7 STEEL CASING MARKER DETAIL
C003 N.T.S.



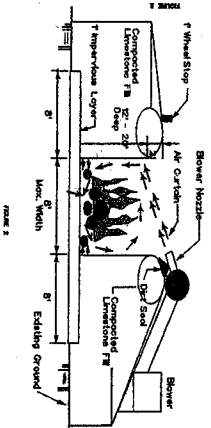
Flow Diagram for a Burning Operation



Overview of an Air Curtain Operation



Air Curtain Pit Burner

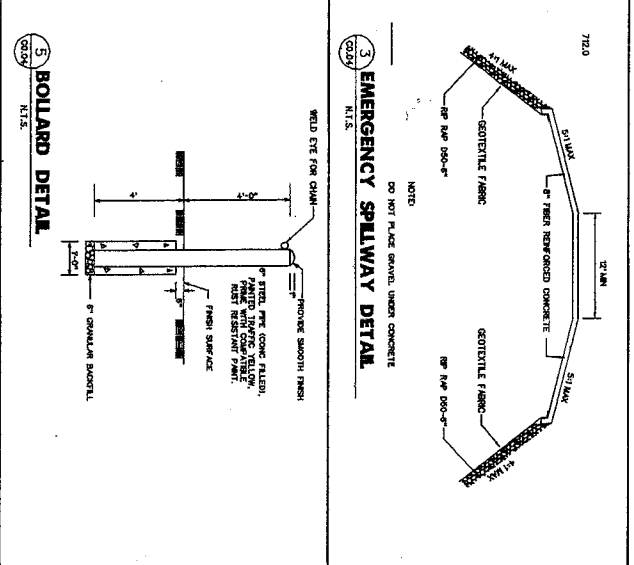
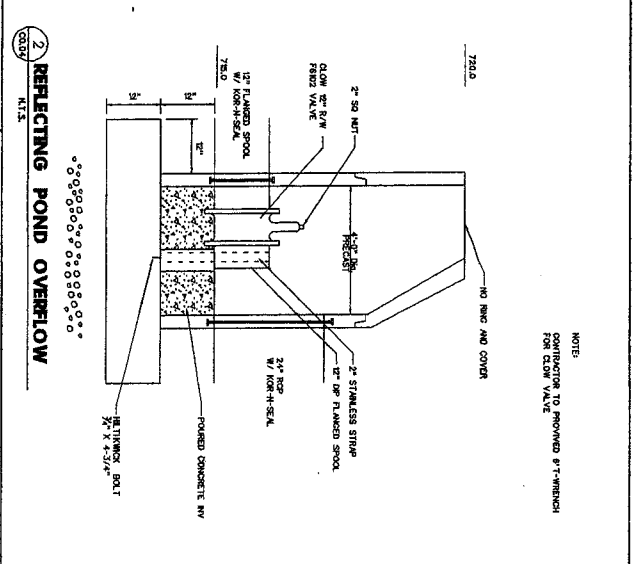
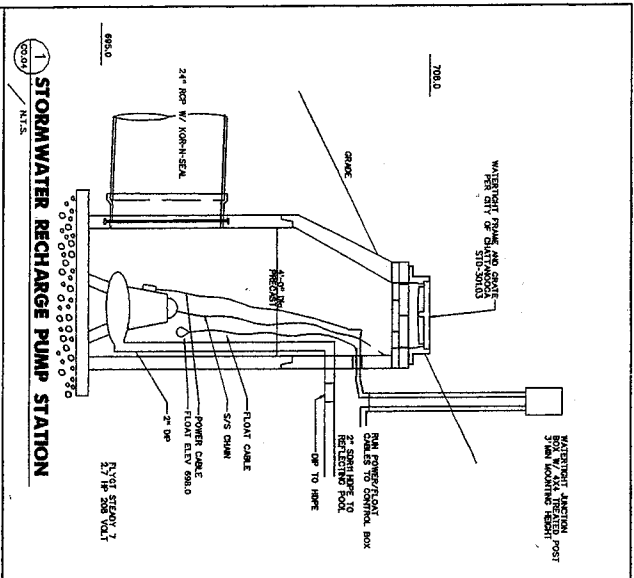


REV.	DATE	DESCRIPTION
1	12/22/2003	Initial Design
2	12/22/2003	Revised Design
3	12/22/2003	Final Design

DETAILS
FOR BRANCH STORM WATER AND RECREATIONAL FACILITY
enterprise south
INDUSTRIAL PARK
CHATTANOOGA, TENNESSEE



BWSC
ENGINEERS PLANNERS
LANDSCAPE ARCHITECTS AND SURVEYORS
BARGE WAGGNER SUMNER & CANNON, INC.
100 West Street, Suite 200, Chattanooga, Tennessee 37402
Phone: 423.263.8800 Fax: 423.263.8807



DETAILS

POE BRANCH STORM WATER AND RECREATIONAL FACILITY

enterprise 8 south

INDUSTRIAL PARK

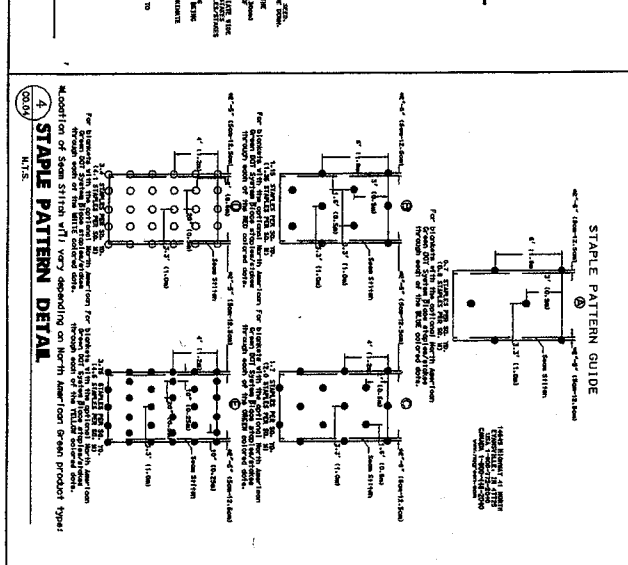
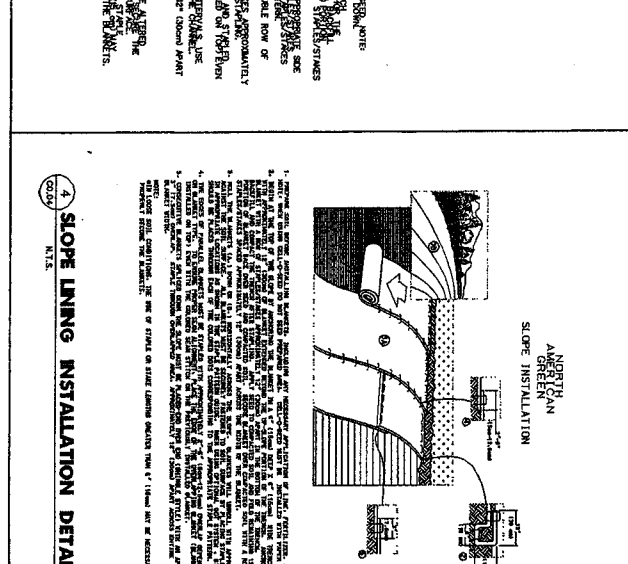
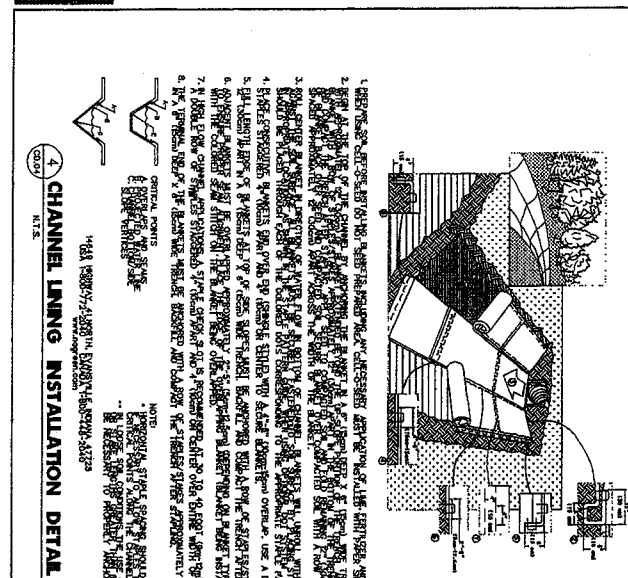
CHATTANOOGA, TENNESSEE

BWSC

BARGE WAGGONER SUMNER & CANNON, INC.

ENGINEERS PLANNERS
LANDSCAPE ARCHITECTS AND SURVEYORS

200 South Street, Suite 200, Chattanooga, Tennessee 37402
Phone: 423-263-1111 Fax: 423-263-1112



NO.	CHK.	DATE	DESCRIPTION
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